Secondary 7-12th Grades

MATHEMATICS – Major

NAC 391.13043 Major in mathematics. (NRS 391.019**)**
A comprehensive major in mathematics consists of 36 semester hours of credit which must include:

(a) At least 9 semester hours of credit in calculus; and

(b) At least 27 semester hours of credit in courses involving:

1. Probability or statistics:
2. Number theory or numerical analysis;
3. Linear algebra;
4. Abstract or modern algebra;
5. Finite mathematics or discrete processes;
6. If necessary to complete 27 semester hours of credit:
   - I. The history of mathematics;
   - II. Euclidean geometry;
   - III. Non-Euclidean geometry;
   - IV. Mathematical computer applications, data structures or programming;
   - V. Differential equations; and
   - VI. Real number analysis.

Secondary 7-12th Grades

MATHEMATICS
Minor

NAC 391.13043 Minor in mathematics. (NRS 391.019**)**
A comprehensive minor in mathematics consists of 24 semester hours of credit in courses in methods of teaching mathematics and courses involving:

A. At least 6 semester hours of credit in calculus courses; and

B. At least 18 semester hours of credit in courses involving:
   a. Probability or statistics;
   b. Finite mathematics, discrete mathematics, number theory or numerical analysis;
   c. Linear, abstract or modern algebra;

If necessary to complete the 18 semester hours:

- I. Multivariate calculus;
- II. The history of mathematics
- III. Differential equations
- IV. Real number analysis;
- V. Euclidean geometry;
- VI. Non-Euclidean geometry and
- VII. Mathematical computer applications, data structures or programming.

1. A person who holds a bachelor's degree or a higher degree with a major in mathematics that was conferred by a regionally accredited college or university shall be deemed to have qualified for a comprehensive major in mathematics if he has satisfied the requirements of NAC 391.120.

2. A recipient of a comprehensive major in mathematics may teach in grades 7 to 12, inclusive, any course in mathematics included in the course of study adopted by the Board.

3. A person who holds a bachelor's degree or a higher degree with a minor in mathematics that was conferred by a regionally accredited college or university shall be deemed to have qualified for a comprehensive minor in mathematics if he has satisfied the requirements of NAC 391.120.

4. A recipient of a comprehensive minor in mathematics may teach in grades 7 to 12, inclusive, any course in mathematics included in the course of study adopted by the Board up to and including Algebra II and Geometry I.

5. A person who received an endorsement to teach mathematics before January 14, 1998, but who has not fulfilled the requirements for calculus, may teach in grades 7 to 12, inclusive, any course in mathematics included in the course of study adopted by the Board up to and including Algebra II and Geometry I.

6. To renew a comprehensive major or minor in mathematics, the holder must complete at least 6 semester hours of course work before the endorsement expires.

7. A person who receives an endorsement to teach mathematics on or after January 14, 1998, must complete a course in the methods of teaching mathematics to renew the endorsement.

(Added to NAC by Comm'n on Prof. Standards in Education, eff. 1-11-96; A by R094-97, 1-14-98; R189-99, 3-13-2000; R093-02, 11-13-2002, 12-16-2005)

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